WHITEBOARDING:

INTERVIEW PREP

Leon Noel
CEO, SocialSci

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CEO, SOCIALSCI

‣ CEO of SocialSci, an academic surveying platform used by thousands of scientific researchers around the world. Leon conceived of SocialSci while studying biological anthropology at Yale. His company, incubated by TechStars Boston and Dog Patch Labs, has raised over one million in funding and has helped researchers answer more than 18 million scientific questions.

‣ What is the interview process?

‣ Interview prep (Front-end vs. Full Stack)

‣ How to whiteboard.

‣ Common whiteboarding examples

‣ Practice

WHAT IS THE INTERVIEW PROCESS?

AN INTERVIEW

‣ Apply / Recruited / Recommended

‣ Phone Screen

‣ In person interview

‣ Take home

‣ Final Interview

‣ Offer

IN PERSON INTERVIEW

‣ Discussion
‣ Code Review
‣ Whiteboarding
‣ Actual Code

WHITEBOARDING

WHITEBOARDING TESTS:

‣ Communication and Collaboration Skills

‣ Job-specific knowledge

‣ Survival abilities when under pressure

‣ Whiteboarding skills :)

MAY NOT NEED TO WHITEBOARD

‣ Huge debate as to whether or not whiteboarding is useful

‣ Front-end Whiteboarding often doesn't make sense

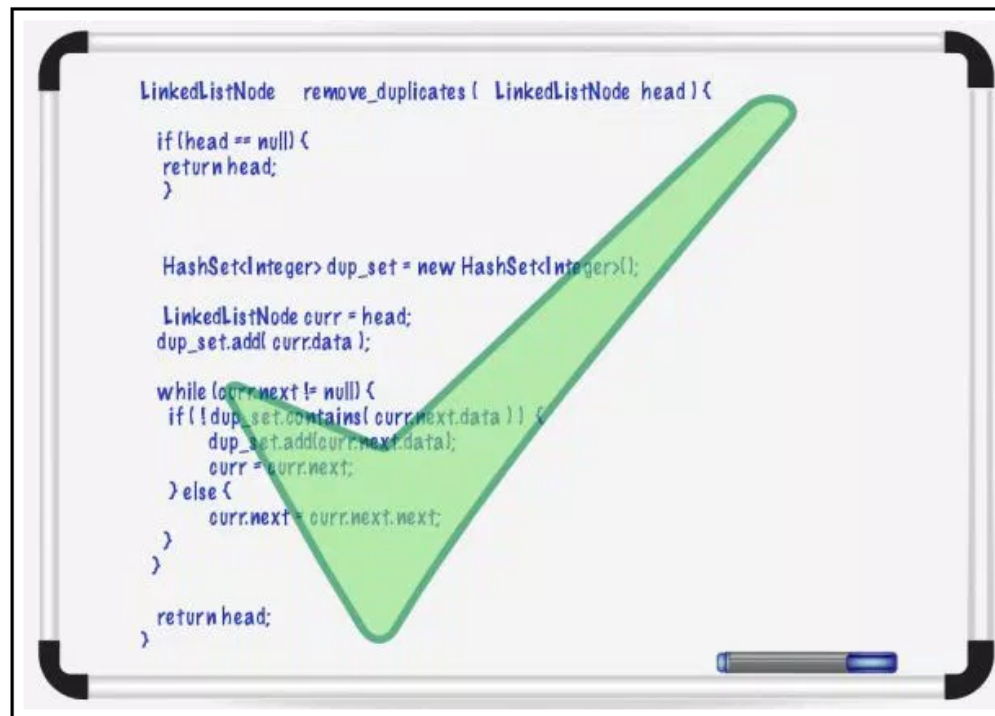‣ It is high pressure - not every company values whiteboarding

WHITE BOARD PROCESS

‣ Soft questions (normally no writing)

‣ Interviewer lays out a problem

‣ Work through the problem with the interviewer
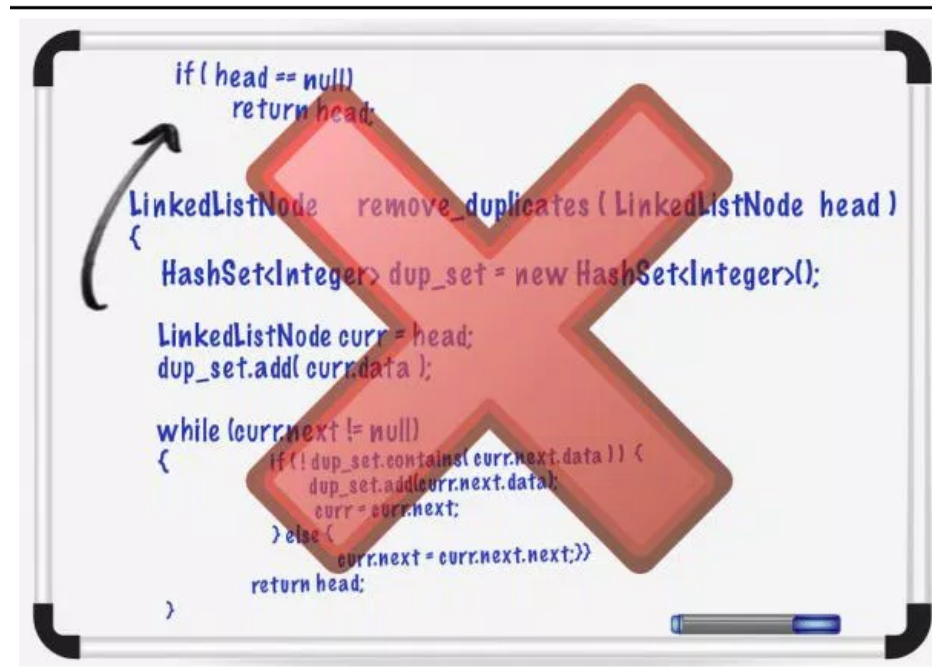
HOW TO WHITEBOARD

NOTES ON THE SIDE

WRITE CLEARLY

BE MINDFUL OF SPACE

PRACTICE AT HOME

WHITEBOARD WALKTHROUGH

STEP 1: SOFT QUESTIONS

‣ Tell me about your workflow

‣ What is jQuery? Do you use it? Why?

‣ What does it mean to be a Front-end Developer?

STEP 2: MORE SPECIFIC QUESTIONS

‣ What does it mean to be responsive?

‣ What is specificity in CSS?

‣ Where should you link your JS file in your HTML?

‣ What does "Hoisting" mean in JS?

STEP 3: WHITEBOARD PROBLEMS EASY

‣ Diagram what happens when someone enters google.com into their URL bar.

‣ Create a click event that calls a function which adds two numbers.

‣ Create a function that randomly chooses one item from an array of three items.

STEP 3: WHITEBOARD PROBLEMS REAL

‣ Fizzbuzz

‣ How could we create a carousel of images

‣ Math

‣ Ballon-o-gram

PRACTICE

MATH

‣ You have a bowl with 200 fish in it. Of these fish 99% are not guppies. How many fish should you remove so that 2% of what remains are guppies. Show your work.

BALLON-O-GRAM

‣ Draw for me on the whiteboard the design of the last project you worked on, without revealing me any sensitive detail.

PROBLEM

‣ Iterate through an array of numbers and add two to each number (updating the array).

WAR CHEST

PLACES TO PRACTICE

‣ http://interviewing.io/

‣ http://www.codewars.com/

‣ https://www.codeeval.com/

‣ https://tevko.github.io/practice/

‣ http://exercism.io/

‣ https://www.hackerrank.com/

‣ https://leetcode.com/problemset/algorithms/

‣ http://samurails.com/interview/prepare-for-a-ruby-job-interview/

‣ https://www.launchcode.org/

INTERVIEW PREP LINKS

‣ http://insights.dice.com/2012/09/26/javascript-interview-questions/

‣ https://www.reddit.com/r/learnjavascript/comments/282m9r/
what_skills_must_you_absolutely_have_as_an_entry/

‣ https://github.com/h5bp/Front-end-Developer-Interview-Questions

‣ https://leanpub.com/jsinterviewquestions

‣ https://www.reddit.com/r/webdev/comments/3f7q3q/been_interviewing_with_a_lot_of_tech_startups_as/

‣ https://www.reddit.com/r/javascript/comments/quhjp/about_to_face_an_interview_for_lead_js_engineer/

‣ http://www.joelonsoftware.com/articles/GuerrillaInterviewing3.html

‣ https://madole.github.io/blog/2014/07/19/javascript-interview-questions/

‣ http://agentcooper.ghost.io/javascript-interviews/

‣ https://github.com/ruby-jokes/job_interview

‣ http://steve-yegge.blogspot.com/2008/03/get-that-job-at-google.html

‣ http://robertheaton.com/2014/03/07/lessons-from-a-silicon-valley-job-search/

INTERVIEW PREP LINKS

‣ https://www.reddit.com/r/node/comments/217uav/questions_that_a_node_dev_should_be_able_to/

‣ https://github.com/rmurphey/js-assessment

‣ http://www.html5rocks.com/en/tutorials/internals/howbrowserswork/

‣ https://www.reddit.com/r/javascript/comments/2ftmae/need_interview_preparation_resources/

‣ https://github.com/alex/what-happens-when

‣ https://news.ycombinator.com/item?id=8917297

‣ http://ilikekillnerds.com/2015/03/things-every-javascript-developer-should-know/

‣ https://www.reddit.com/r/javascript/comments/1jw96t/what_are_your_vanilla_javascript_knowledge/

‣ http://bigocheatsheet.com/

‣ https://gist.github.com/TSiege/cbb0507082bb18ff7e4b

‣ https://sinon.org/algo/#data-structures

‣ https://www.reddit.com/r/learnprogramming/comments/3gpvyx/algorithms_and_data_structures_cheat_sheets/

Q&A

LEON.A.NOEL@GMAIL.COM